Titlo: BRIDCED ULTRA-WIDEBAND COMMUNICATION METHOD AND APPARATUS Inventor: SANTHOFF Exp. Mail No.: EV292299615US Filed: November 25, 2003 Atty. Docket No.: 30287-110 Contact: Peter R. Martinez; 858-720-6300 FIGS. 1 & 2 Sheet 1 of 32

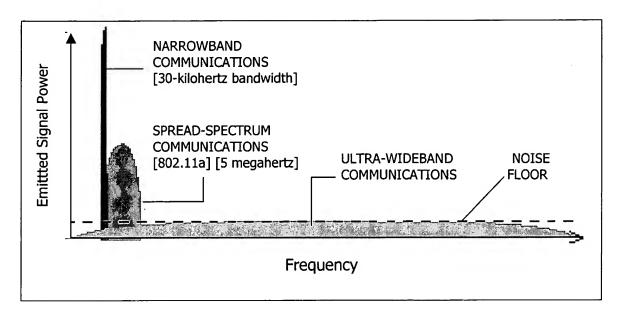


FIG. 1

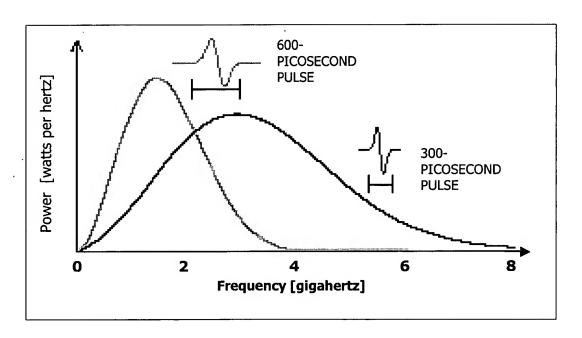
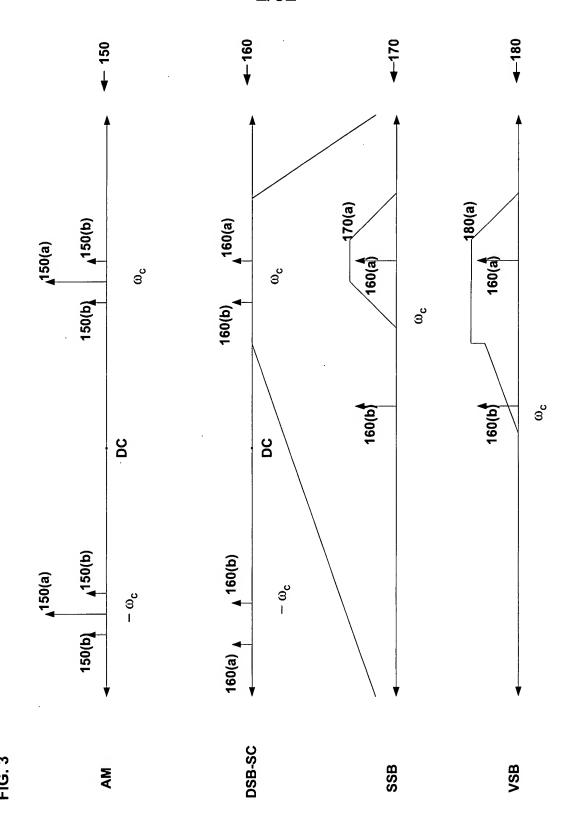


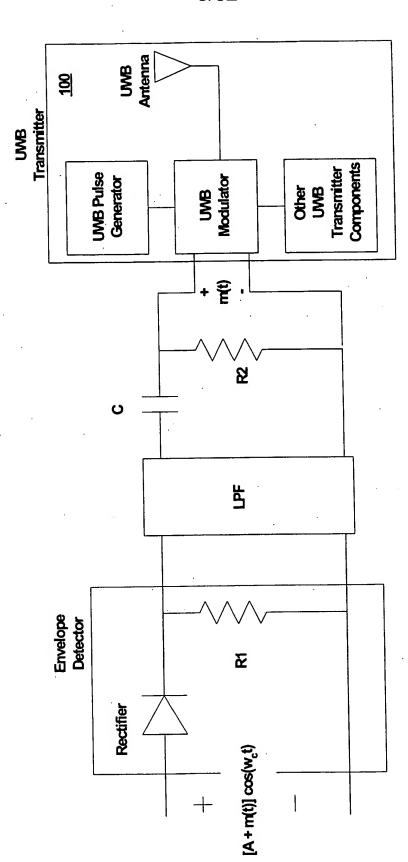
FIG. 2

Title: DRIDGED ULTRA-WIDEBANB COMMUNICATION METHOD AND APPARATUS Inventor: SANTHOFF Exp. Mail No.: EV292299615US Filed: November 25, 2003 Atty. Docket No.: 30287-110 Contact: Peter R. Martinez; 858-720-6300 FIG. 3 Sheet 2 of 32



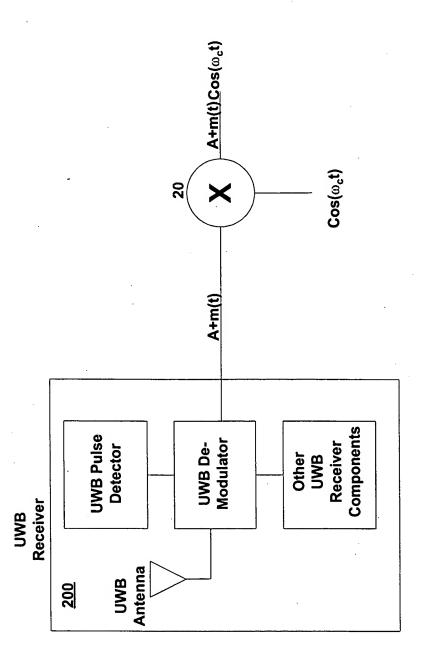


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<u>ධි</u> 4

Title BRIDGED ULTRA-WIDEDAND COMMUNICATION METHOD AND APPARATUS Inventor: SANTHOFF Exp. Mail No.: EV292299615US Filed: November 25, 2003 Atty. Docket No.: 30287-110 Contact: Peter R. Martinez; 858-720-6300 FIG. 5 Sheet 4 of 32



Title: BRIDGED ULTRA-WIDEDAND COMMUNICATION METHOD AND APPARATUS Inventor: SANTHOFF Exp. Mail No.: EV292299615US Filed: November 25, 2003 Atty. Docket No.: 30287-110 Contact: Peter R. Martinez; 858-720-6300 FIG. 6 Sheet 5 of 32

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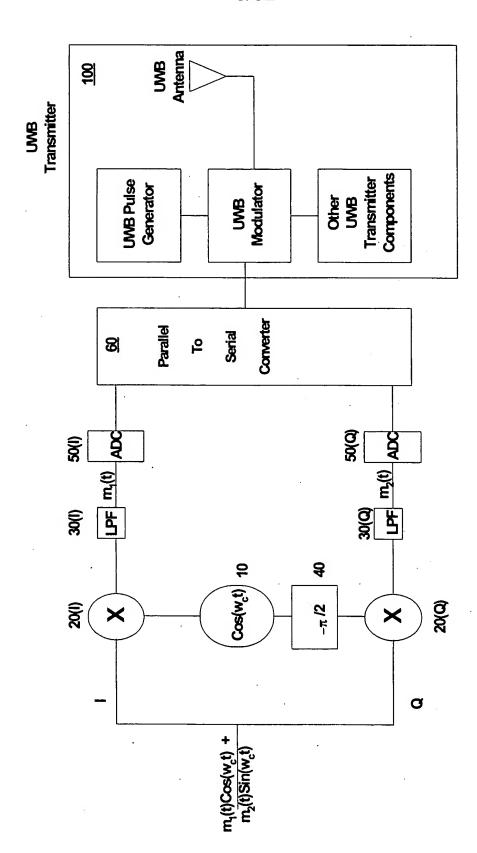
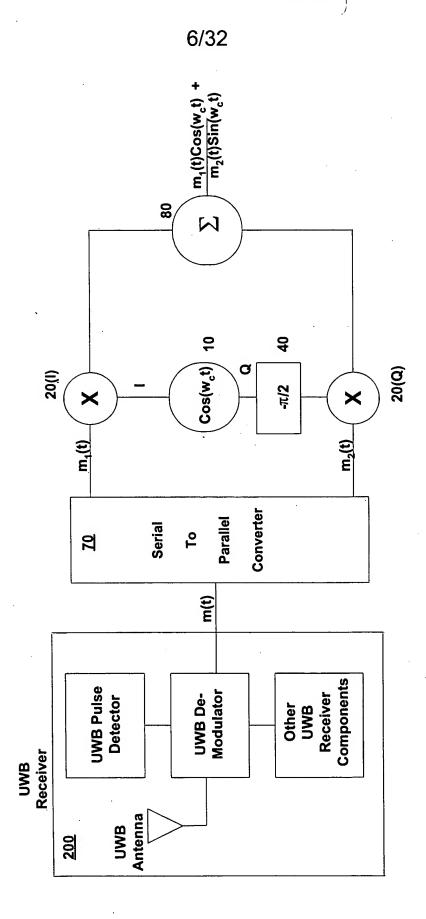


FIG. 6

Title: BRIDGED ULTRA-WIDEBAND COMMUNICATION METHOD AND APPARATUS Inventor: SANTHOFF Exp. Mail No.: EV292299615US Filed: November 25, 2003 Atty. Docket No.: 30287-110 Contact: Peter R. Martinez; 858-720-6300 FIG. 7 Sheet 6 of 32



Titlo: BRIDGED ULTRA-WIDEBAND COMMUNICATION METHOD AND APPARATUS Inventor: SANTHOFF Exp. Mail No.: EV292299615US Filed: November 25, 2003 Atty. Docket No.: 30287-110 Contact: Peter R. Martinez; 858-720-6300 FIG. 8 Sheet 7 of 32

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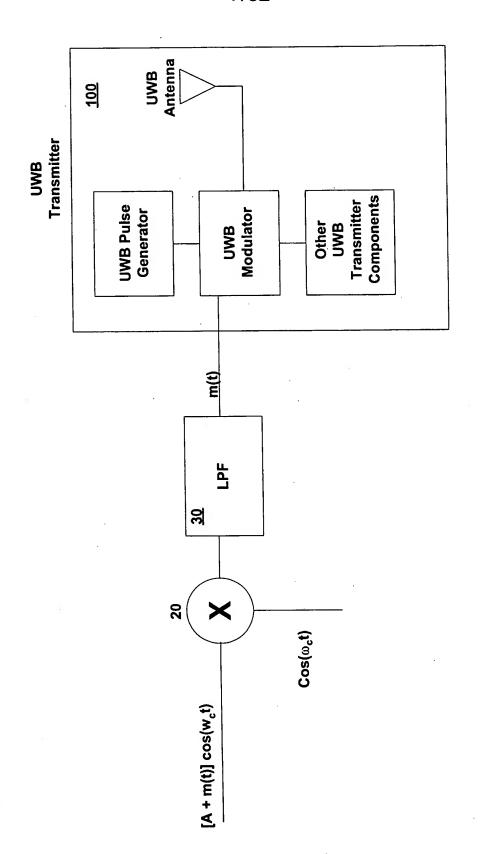
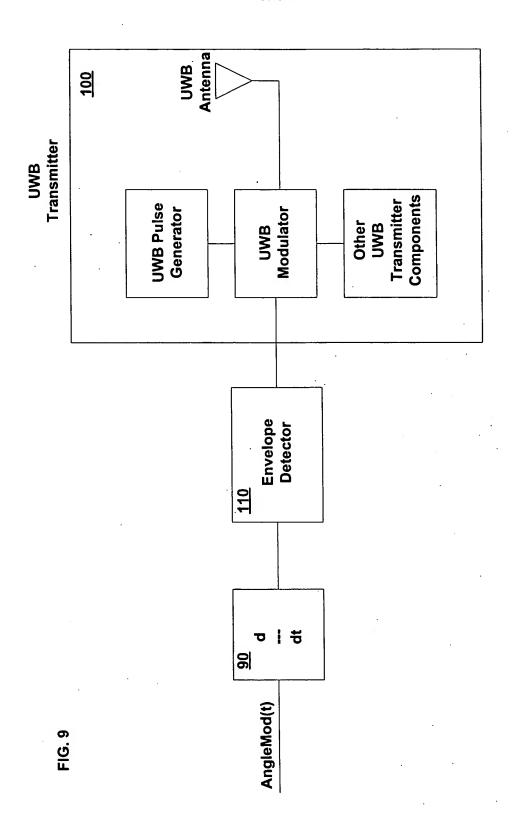


FIG. 8

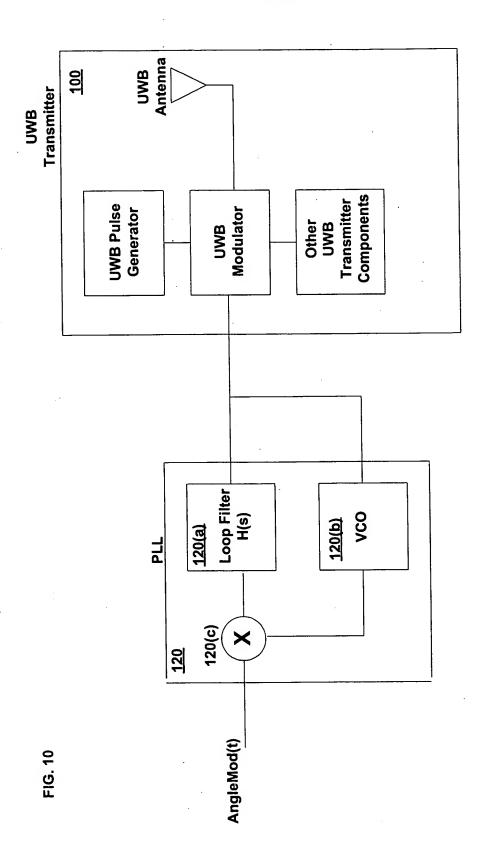
Title: BRIDGED ULTRA-WIDEBAND COMMUNICATION METHOD AND APPARATUS Inventor: SANTHOFF Exp. Mail No.: EV292299615US Filed: November 25, 2003 Atty. Docket No.: 30287-110 Contact: Peter R. Martinez; 858-720-6300 FIG. 9 Sheet 8 of 32

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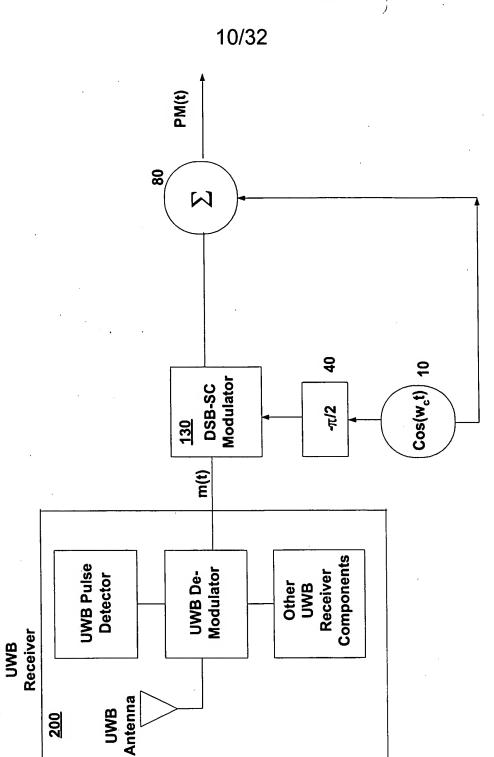


Title: BRIDGED ULTRA WIDEDAND COMMUNICATION METHOD AND APPARATUS Inventor: SANTHOFF Exp. Mail No.: EV292299615US Filed: November 25, 2003 Atty. Docket No.: 30287-110 Contact: Peter R. Martinez; 858-720-6300 FIG. 10 Sheet 9 of 32

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Title: BRIDGED ULTRA-WIDEDAND COMMUNICATION METHOD AND APPARATUS Inventor: SANTHOFF Exp. Mail No.: EV292299615US Filed: November 25, 2003 Atty. Docket No.: 30287-110 Contact: Peter R. Martinez; 858-720-6300 FIG. 11 Sheet 10 of 32



Titlo: BRIDGED ULTRA-WIDEBAND COMMUNICATION METHOD AND APPARATUS Inventor: SANTHOFF Exp. Mail No.: EV292299615US Filed: November 25, 2003 Atty. Docket No.: 30287-110 Contact: Peter R. Martinez; 858-720-6300 FIG. 12 Sheet 11 of 32

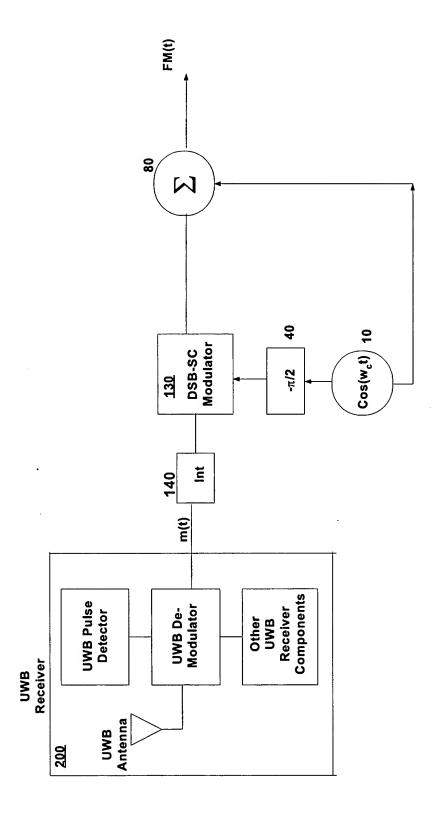
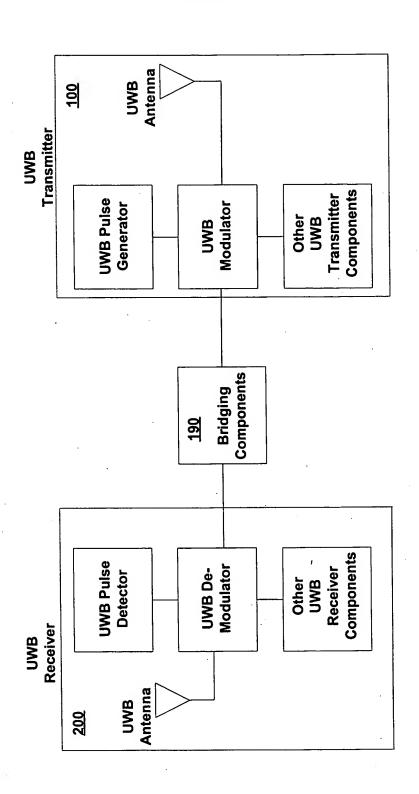


FIG. 12

Title: BRIDGED ULTRA WIDEBAND COMMUNICATION METHOD AND APPARATUS Inventor: SANTHOFF Exp. Mail No.: EV292299615US Filed: November 25, 2003 Atty. Docket No.: 30287-110 Contact: Peter R. Martinez; 858-720-6300 FIG. 13 Sheet 12 of 32



Title: BRIDGED ULTRA-WIDEBAND COMMUNICATION METHOD AND APPARATUS Inventor: SANTHOFF Exp. Mail No.: EV292299615US Filed: November 25, 2003 Atty. Docket No.: 30287-110 Contact: Peter R. Martinez; 858-720-6300 FIG. 14 Sheet 13 of 32

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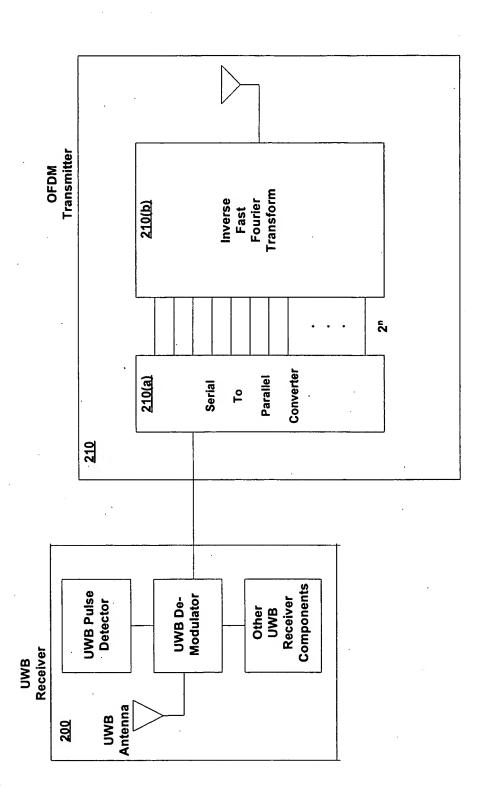
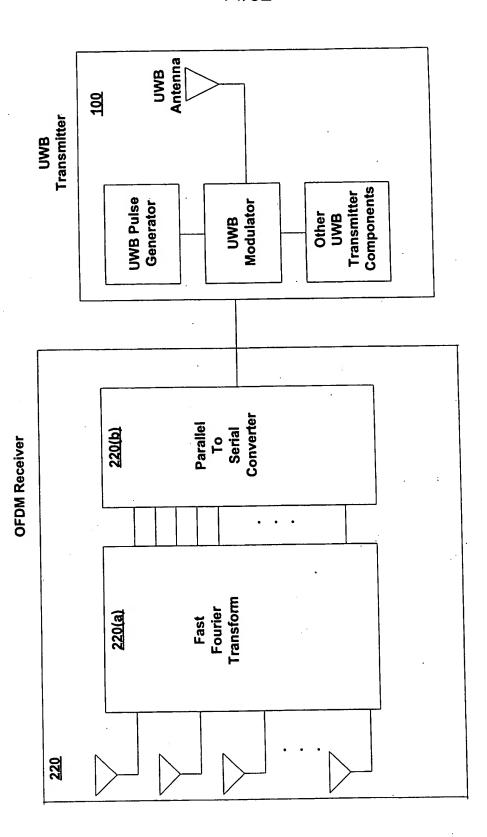


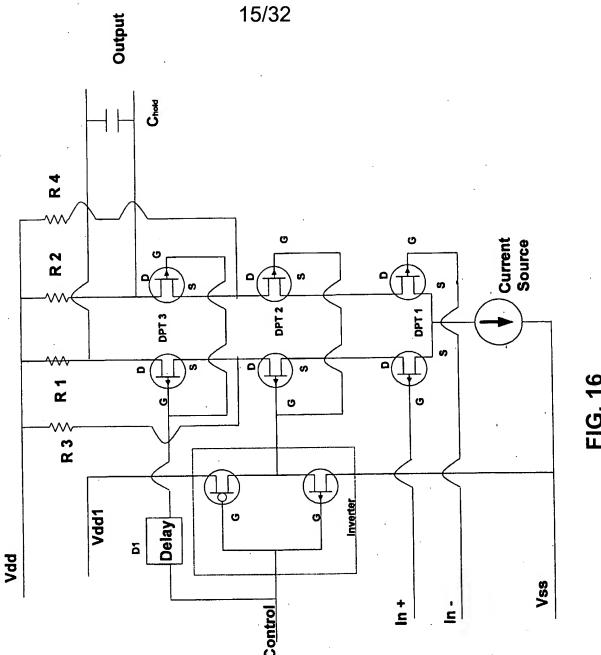
FIG. 14

Titlo: BRIDGED ULTRA-WIDEBAND COMMUNICATION METHOD AND APPARATUS Inventor: SANTHOFF Exp. Mail No.: EV292299615US Filed: November 25, 2003 Atty. Docket No.: 30287-110 Contact: Peter R. Martinez; 858-720-6300 FIG. 15 Sheet 14 of 32

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Title. BRIBGEB ULTRA-WIDEBAND COMMUNICATION METHOD AND APPARATUS Inventor: SANTHOFF Exp. Mail No.: EV292299615US Filed: November 25, 2003 Atty. Docket No.: 30287-110 Contact: Peter R. Martinez; 858-720-6300 FIG. 17 Sheet 16 of 32

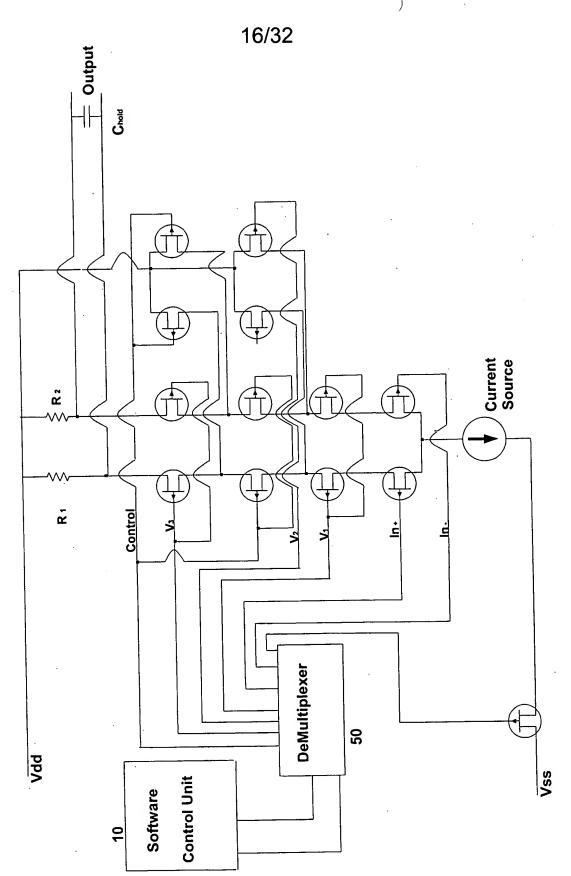
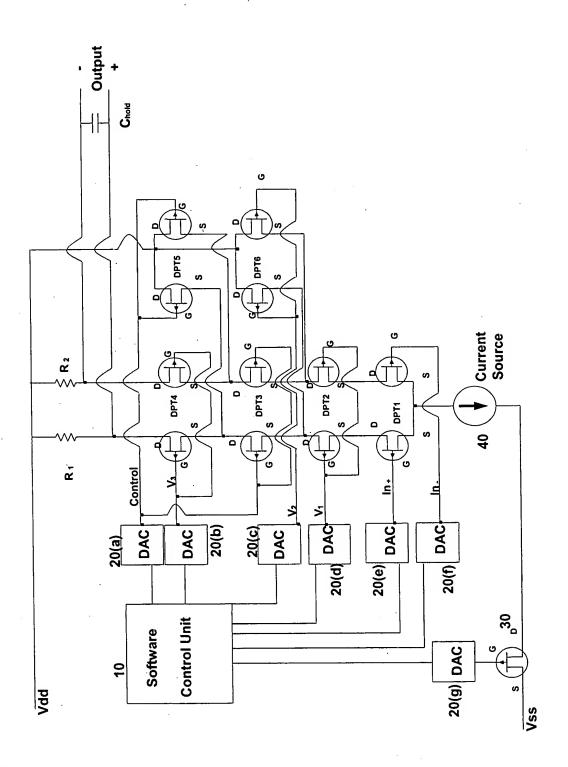
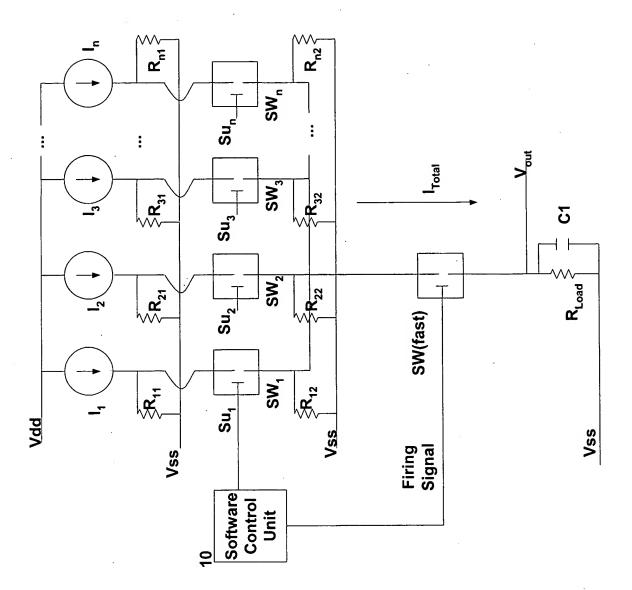


FIG. 1.

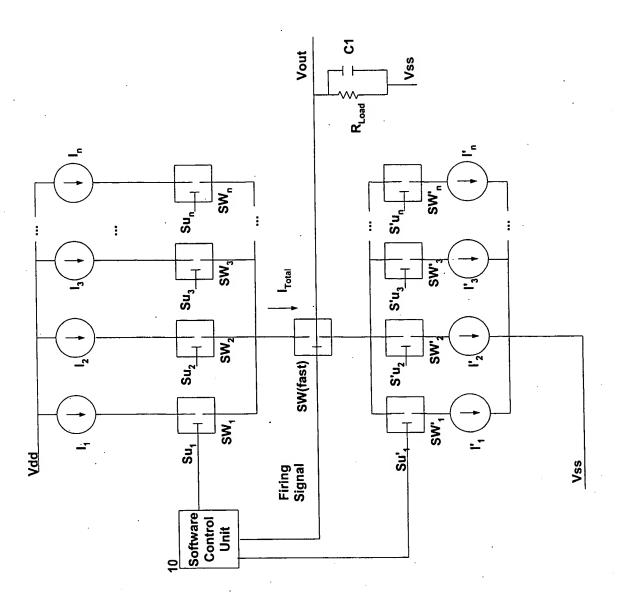
TITIE: BRIDGED ULTRA-WIDEBAND COMMUNICATION METHOD AND APPARATUS Inventor: SANTHOFF Exp. Mail No.: EV292299615US Filed: November 25, 2003 Atty. Docket No.: 30287-110 Contact: Peter R. Martinez; 858-720-6300 FIG. 18 Sheet 17 of 32



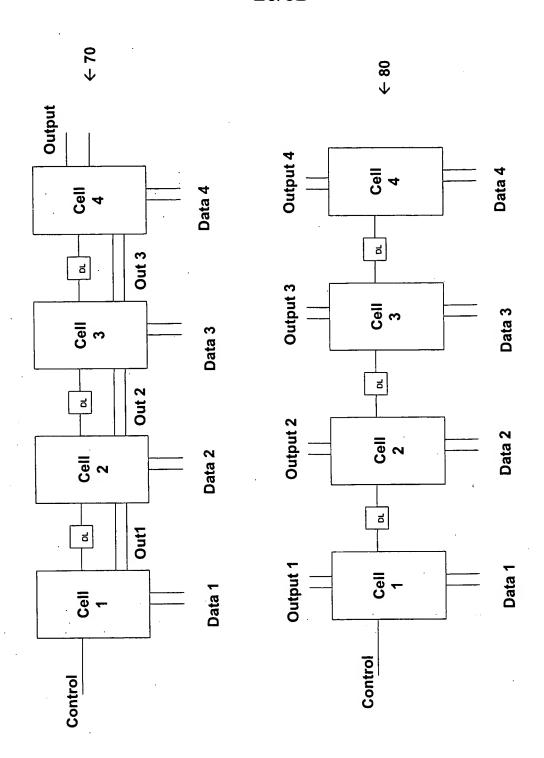
Title: BRIDGED ULTRA-WIDEBAND COMMUNICATION METHOD AND APPARATUS Inventor: SANTHOFF Exp. Mail No.: EV292299615US Filed: November 25, 2003 Atty. Docket No.: 30287-110 Contact: Peter R. Martinez; 858-720-6300 FIG. 19 Sheet 18 of 32



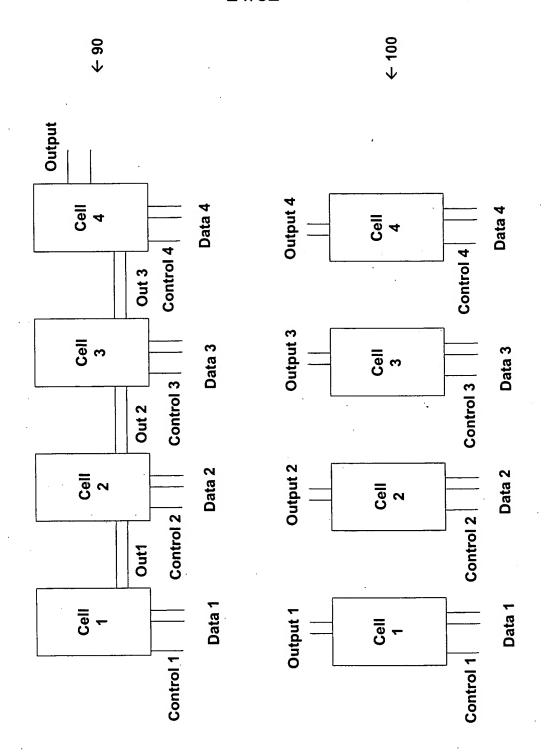
Title: BRIDGED ULTRA-WIDEDAND COMMUNICATION METHOD AND APPARATUS Inventor: SANTHOFF Exp. Mail No.: EV292299615US Filed: November 25, 2003 Atty. Docket No.: 30287-110 Contact: Peter R. Martinez; 858-720-6300 FIG. 20 Sheet 19 of 32



Titlo: BRIDCED ULTRA-WIDEDAND COMMUNICATION METHOD AND APPARATUS Inventor: SANTHOFF Exp. Mail No.: EV292299615US Filed: November 25, 2003 Atty. Docket No.: 30287-110 Contact: Peter R. Martinez; 858-720-6300 FIG. 21 Sheet 20 of 32



Titlo: BRIDGED ULTRA-WIDEBAND COMMUNICATION METHOD AND APPARATUS Inventor: SANTHOFF Exp. Mail No.: EV292299615US Filed: November 25, 2003 Atty. Docket No.: 30287-110 Contact: Peter R. Martinez; 858-720-6300 FIG. 22 Sheet 21 of 32



Title. BRIDGEB ULTRA-WIDEBAND COMMUNICATION METHOD AND APPARATUS Inventor: SANTHOFF Exp. Mail No.: EV292299615US Filed: November 25, 2003 Atty. Docket No.: 30287-110 Contact: Peter R. Martinez; 858-720-6300 FIG. 23 Sheet 22 of 32

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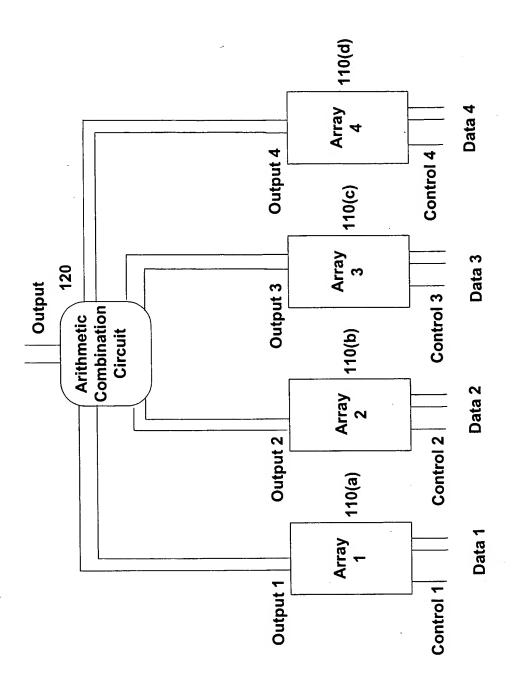


FIG. 23

Titlo: BRIDGED ULTRA-WIBEBAND COMMUNICATION METHOD AND APPARATUS Inventor: SANTHOFF Exp. Mail No.: EV292299615US Filed: November 25, 2003 Atty. Docket No.: 30287-110 Contact: Peter R. Martinez; 858-720-6300 FIG. 24 Sheet 23 of 32

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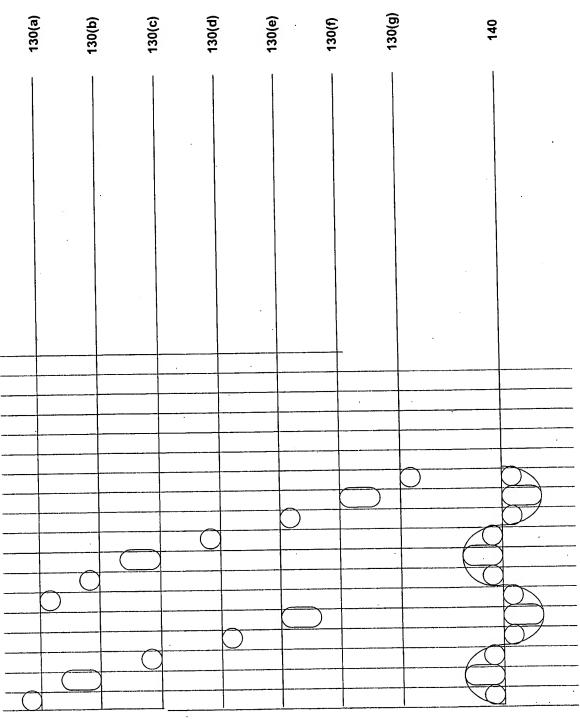
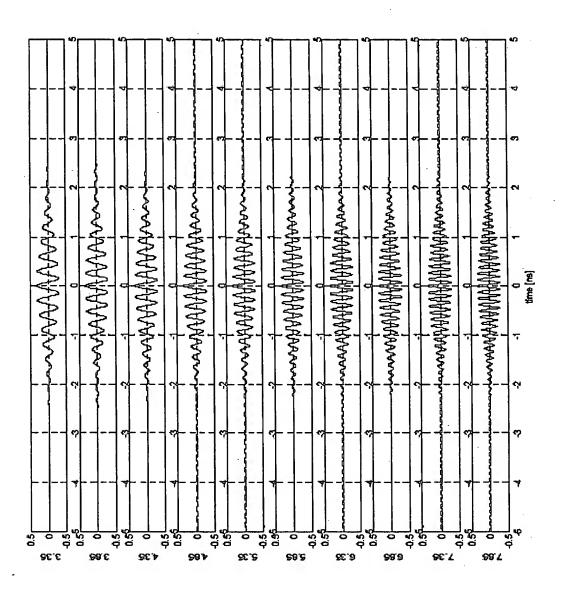


FIG. 2

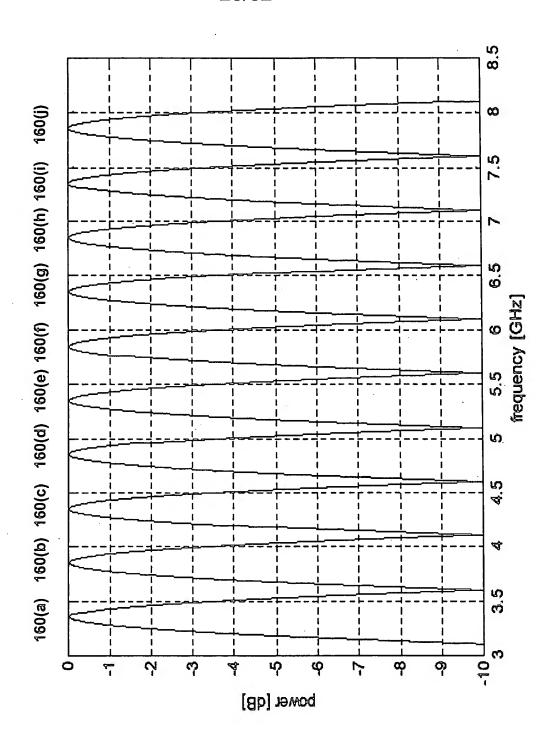
TILLE: BRIDGED ULIKA-WIDEBAND COMMUNICATION METHOD AND APPARATUS Inventor: SANTHOFF Exp. Mail No.: EV292299615US Filed: November 25, 2003 Atty. Docket No.: 30287-110 Contact: Peter R. Martinez; 858-720-6300 FIG. 25 Sheet 24 of 32





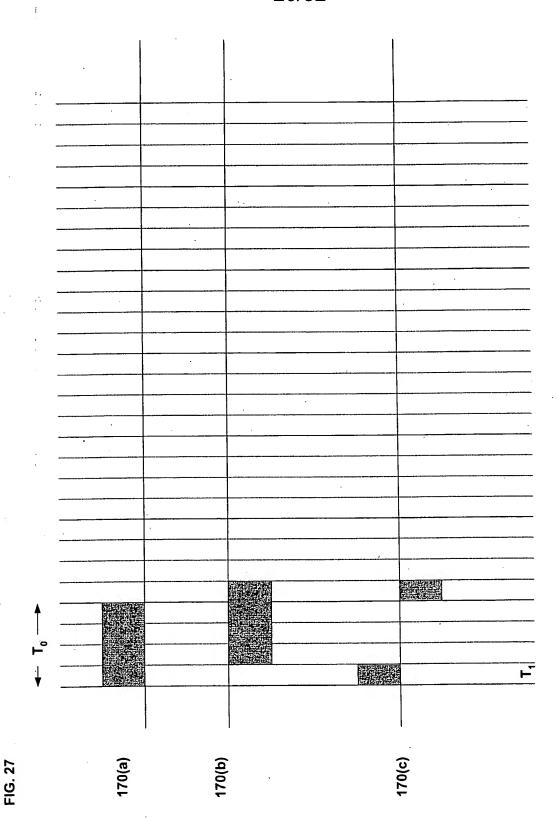
Title: BRIBGED ULIKA-WIDEBAND COMMUNICATION METHOD AND APPARATUS Inventor: SANTHOFF Exp. Mail No.: EV292299615US Filed: November 25, 2003 Atty. Docket No.: 30287-110 Contact: Peter R. Martinez; 858-720-6300 FIG. 26 Sheet 25 of 32

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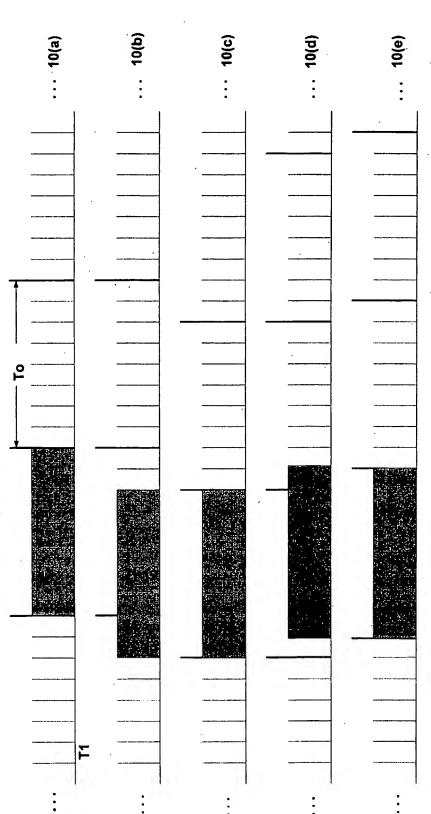
COMMUNICATION METHOD AND APPARATUS Inventor: SANTHOFF Exp. Mail No.: EV292299615US Filed: November 25, 2003 Atty. Docket No.: 30287-110 Contact: Peter R. Martinez; 858-720-6300 FIG. 27 Sheet 26 of 32

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Title. BRIDGEB ULTRA-WIBEBAND COMMUNICATION METHOD AND APPARATUS Inventor: SANTHOFF Exp. Mail No.: EV292299615US Filed: November 25, 2003 Atty. Docket No.: 30287-110 Contact: Peter R. Martinez; 858-720-6300 FIG. 28 Sheet 27 of 32

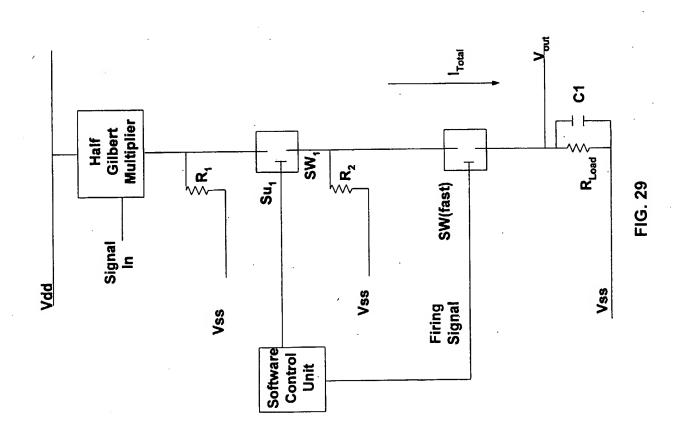




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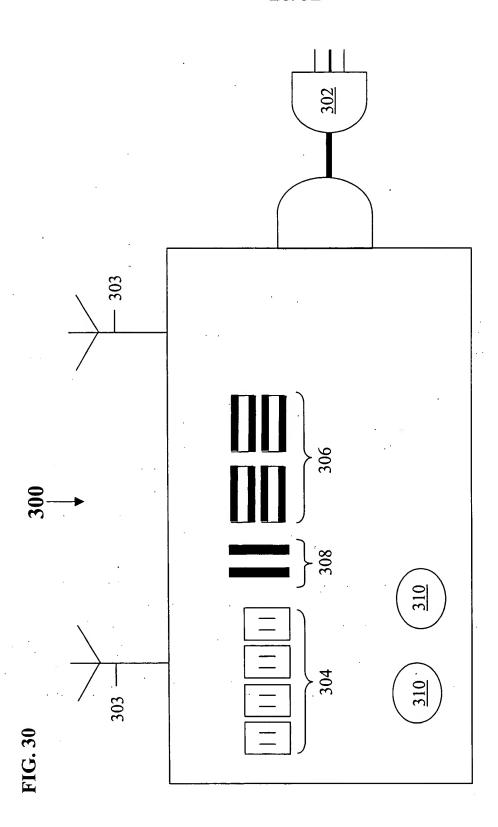
Title: DRIDGED ULTRA-WIDEBAND COMMUNICATION METHOD AND APPARATUS Inventor: SANTHOFF Exp. Mail No.: EV292299615US Filed: November 25, 2003 Atty. Docket No.: 30287-110 Contact: Peter R. Martinez; 858-720-6300 FIG. 29 Sheet 28 of 32

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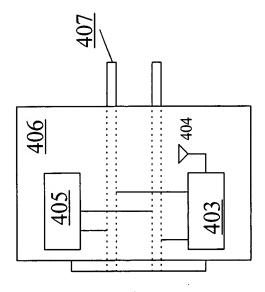


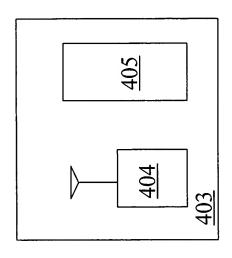
Title. BRIBGED ULTRA-WIDEBAND COMMUNICATION METHOD AND APPARATUS Inventor: SANTHOFF Exp. Mail No.: EV292299615US Filed: November 25, 2003 Atty. Docket No.: 30287-110 Contact: Peter R. Martinez; 858-720-6300 FIG. 30 Sheet 29 of 32

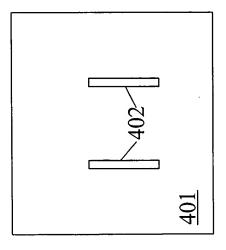
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TILLE: BRIDGED ULIKA-WIDEBAND COMMUNICATION METHOD AND APPARATUS Inventor: SANTHOFF Exp. Mail No.: EV292299615US Filed: November 25, 2003 Atty. Docket No.: 30287-110 Contact: Peter R. Martinez; 858-720-6300 FIG. 31 Sheet 30 of 32

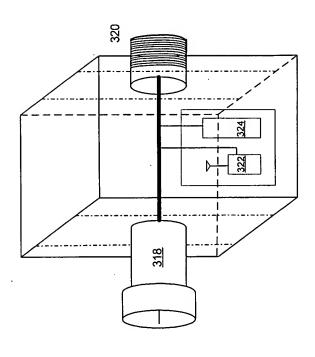


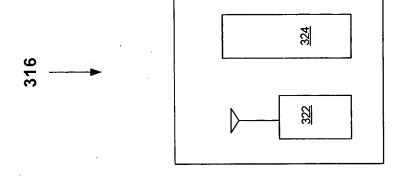


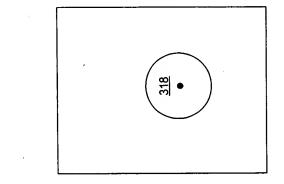


Title. DRIDGED ULTRA-WIDEBAND COMMUNICATION METHOD AND APPARATUS Inventor: SANTHOFF Exp. Mail No.: EV292299615US Filed: November 25, 2003 Atty. Docket No.: 30287-110 Contact: Peter R. Martinez; 858-720-6300 FIG. 32 Sheet 31 of 32

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Title. DRIDGED ULTRA-WIBEBAND COMMUNICATION METHOD AND APPARATUS Inventor: SANTHOFF Exp. Mail No.: EV292299615US Filed: November 25, 2003 Atty. Docket No.: 30287-110 Contact: Peter R. Martinez; 858-720-6300 FIG. 33 Sheet 32 of 32

